

HYPER-MINIATURE TOGGLE SWITCHES

FT

■ FEATURES

- It is of hyper-compact type. The volumetric ratio is half that of the conventional Series A.
- Immersion cleaning is possible after soldering.
- Terminal mounting is at 0.1-inch pitches.
- Independent detent mechanism provides light feel operability.
- Regarding the contact reliability, a long-term stability is assured by the clip contact.

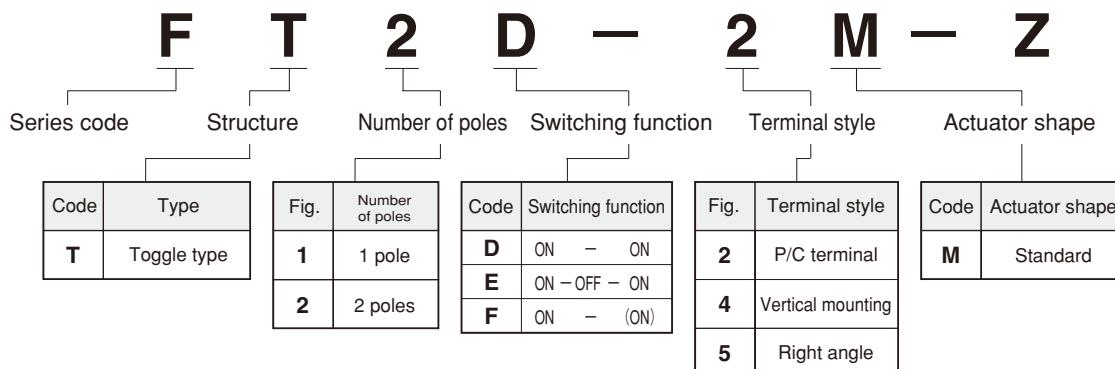
RoHS compliant



■ SPECIFICATIONS

Rating	Max.	28VDC 0.4VA max.
	Min.	1μA 20mVDC
Initial contact resistance	100mΩmax.	(1.5mA 200 μVAC)
Dielectric strength	250VAC	1 minute
Insulation resistance	500MΩmin.	(250VDC)
Electrical life	10,000 cycles at max. rating, 50,000 cycles at min. rating.(D,E type) 30,000 cycles at min. rating.(F type)	
Operating temperature range	-40~+85°C	
Storage temperature range	-40~+85°C	

■ PART NUMBERING



■ TABLE OF PART NUMBERS

Number of poles	Switching function	P/C terminal	Vertical mounting	Right angle
1	ON - ON	FT1D-2M-Z	FT1D-4M-Z	FT1D-5M-Z
	ON - OFF - ON	FT1E-2M-Z	FT1E-4M-Z	★FT1E-5M-Z
	ON - (ON)	★FT1F-2M-Z	★FT1F-4M-Z	FT1F-5M-Z
2	ON - ON	FT2D-2M-Z	FT2D-4M-Z	FT2D-5M-Z
	ON - OFF - ON	FT2E-2M-Z	★FT2E-4M-Z	★FT2E-5M-Z
	ON - (ON)	★FT2F-2M-Z	★FT2F-4M-Z	★FT2F-5M-Z

★ : Quasi-standard items.

★ : Made-to-order items.

※Please contact us if you can't find your preferable combination in the table of part numbers.

■ Specifications are subject to change without notice. Specifications in this catalog are for reference. The formal specification sheets will be submitted upon request.

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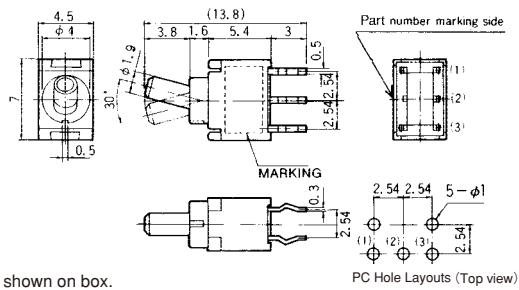
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■ OUTLINE DIMENSIONS

SPDT
PC



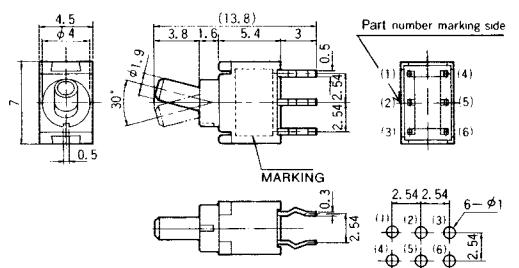
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DPDT
PC



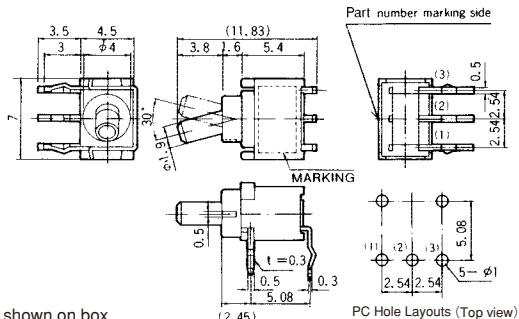
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SPDT
R/A



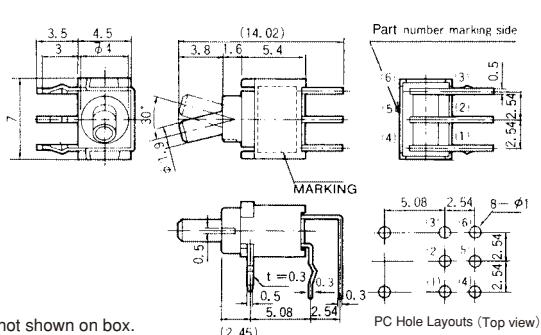
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DPDT
R/A



Terminal number not shown on box.



Part No.	Switching function		
	Viewed from part No. marking side		
FT1D-2M-Z	ON	—	ON
FT1E-2M-Z	ON	OFF	ON
★FT1F-2M-Z	(ON)	—	ON
Connecting terminals	2-1	—	2-3

Part No.	Switching function		
	Viewed from part No. marking side		
FT2D-2M-Z	ON	—	ON
FT2E-2M-Z	ON	OFF	ON
★FT2F-2M-Z	(ON)	—	ON
Connecting terminals	2-1 5-4	—	2-3 5-6

Part No.	Switching function		
	Viewed from part No. marking side		
FT1D-5M-Z	ON	—	ON
★FT1E-5M-Z	ON	OFF	ON
FT1F-5M-Z	ON	—	(ON)
Connecting terminals	2-3	—	2-1

Part No.	Switching function		
	Viewed from part No. marking side		
FT2D-5M-Z	ON	—	ON
★FT2E-5M-Z	ON	OFF	ON
★FT2F-5M-Z	ON	—	(ON)
Connecting terminals	2-3 5-6	—	2-1 5-4

(ON) : Momentary.
★ : Quasi-standard items
★ : Made-to-order items.

